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REMARKS

The U.S. Patent and Trademark Office has taken the position that the previously submitted sequence listing was incomplete and only included sequences upto SEQ ID NO: 22. Submitted herewith in connection with the above-referenced patent application is a substitute, computer readable copy of the sequence listing that corrects the defects noted by the Examiner.

Support for SEQ ID Nos: 69-130 can be found in the specification in accordance with the amendments made herein. Applicant notes that the support for SEQ ID Nos: 23-68 is described in Applicants' previous Amendment and Response, filed on December 12, 2007, *i.e.*, support for SEQ ID Nos: 23-68 can be found in Table 1 of the instant specification.

No new matter has been added to the substitute sequence listing. As such, Applicant respectfully requests that the enclosed sequence listing and amendments to the specification be entered.

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Applicant believes that no fee is due with this response. If Applicant's understanding is incorrect, however, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. KZY-003US.

Dated: September 29, 2008 Respectfully submitted,

Electronic signature: /Cristin Cowles/ Cristin Howley Cowles, Ph.D. Registration No.: 55,281 LAHIVE & COCKFIELD, LLP One Post Office Square Boston, Massachusetts 02109-2127 (617) 227-7400 (617) 742-4214 (Fax) Attorney/Agent For Applicant